

2005 Current Fiscal Year Report: Space Science Advisory Committee

Report Run Date: 06/05/2019 11:26:16 PM

1. Department or Agency

National Aeronautics and Space Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Space Science Advisory Committee

3b. GSA Committee No.

1073

4. Is this New During Fiscal Year?

No

5. Current Charter

05/01/2003

6. Expected Renewal Date

05/01/2005

7. Expected Term Date

05/01/2005

8a. Was Terminated During Fiscal Year?

Yes

8b. Specific Termination Authority

No

8c. Actual Term Date

05/01/2005

9. Agency Recommendation for Next Fiscal Year

Terminate

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Enacted

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

Public Law 85-568, As Amended, Section 203 (c)(7)

13. Effective Date

12/12/1977

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

2

16b. Report Date

11/15/2004

Report Title

Space Science Advisory Committee Meeting Report

03/30/2005

Space Science Advisory Committee Meeting Report

Number of Committee Reports Listed: 2

17a. Open 2 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 2

Meetings and Dates

Purpose

Space Science Advisory Committee

Space Science Advisory Committee and Earth System Science and Applications Committee Joint Meeting

Start

11/15/2004 - 11/17/2004

End

03/30/2005 - 04/01/2005

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$130,000.00	\$130,000.00
18a(3). Personnel Pmts to Federal Staff	\$88,000.00	\$90,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$86,500.00	\$200,000.00
18b(2). Travel and Per Diem to Federal Members	\$15,500.00	\$20,000.00

18b(3). Travel and Per Diem to Federal Staff	\$6,200.00	\$3,600.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$165,750.00	\$245,000.00
18d. Total	\$491,950.00	\$688,600.00
19. Federal Staff Support Years (FTE)	2.00	2.00

20a. How does the Committee accomplish its purpose?

The Space Science Advisory Committee met three to four times a year to receive updates of current activities in NASA's Office of Space Science (OSS) and to provide recommendations on the evolving issues connected with OSS's programs. SScAC's members were highly respected experts who represented a broad cross section of the space science communities--Sun-Earth Connection, Astronomical Search for Origins and Planetary Systems, Structure and Evolution of the Universe, and Solar System Exploration--and who are drawn from the range of US research institutions involved in space science programs and relevant technology and education programs. The issues, concerns, and advice of the individual science disciplines are brought to SScAC, which integrates their inputs.

20b. How does the Committee balance its membership?

The membership was balanced with appropriate individuals who represent each of the program areas in the space science: Sun-Earth Connection, Astronomical Search for Origins and Planetary Systems, Structure and Evolution of the Universe, and Solar System Exploration. Members were chosen for their expertise in the specific program area they represent or for general expertise common to the individual program areas. They represented university research programs, nationally prominent research institutions, NASA centers, and other relevant government agencies. They were leaders in their field and functioned as expert advisors. Members served from two to three years and were rotated off the committee and subcommittees to allow for new members to bring in fresh ideas and new points of view.

20c. How frequent and relevant are the Committee Meetings?

The SScAC met three to four times annually, and the four subcommittees each met two to three times per year. These meetings, scheduled throughout the year, provided timely responses to issues affecting NASA space science programs. Subcommittees attempted to schedule their meetings prior to the full SScAC so that they were prepared to report findings and recommendations to the parent group.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The make-up of the membership chosen to serve on the committee and subcommittees were individuals who are experts in their fields. They were highly qualified to provide space science advice and support at the highest level to the Science Mission Directorate and its relevant discipline program offices. There was not another group with the experience and insight to advise NASA regarding research and programmatic issues in all areas of space science on an ongoing basis.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

This advisory committee was terminated as part of the overall NASA advisory committee restructuring effort that took place during 2005.

Designated Federal Officer

Marc S. Allen Executive Secretary, Space Science Advisory Committee

Committee Members	Start	End	Occupation	Member Designation
Bregman, Joel	04/03/2002	04/03/2005	University of Michigan	Special Government Employee (SGE) Member
Campbell, Bruce	07/15/2003	07/15/2006	Smithsonian Institution	Special Government Employee (SGE) Member
Cheng, Andrew	12/13/2001	12/13/2004	Johns Hopkins University	Special Government Employee (SGE) Member
Cherry, Michael	02/21/2003	02/21/2006	Louisiana State University	Special Government Employee (SGE) Member
Christensen, Andrew	02/01/2002	12/31/2004	Northrup-Grumman	Special Government Employee (SGE) Member
Clemmons, James	03/09/2004	03/09/2007	The Aerospace Corporation	Special Government Employee (SGE) Member
Cominsky, Lynn	11/27/2001	11/27/2004	Sonoma State University	Special Government Employee (SGE) Member
Deamer, David	02/05/2003	02/05/2006	Univ. of California, Santa Cruz	Special Government Employee (SGE) Member
Dermer, Charles	11/27/2001	11/27/2004	Naval Research Laboratory	Regular Government Employee (RGE) Member
Erwin, Douglas	07/14/2003	07/14/2006	Smithsonian Institution	Special Government Employee (SGE) Member
Ferguson, Henry	08/01/2002	08/01/2005	Space Telescope Science Institute	Special Government Employee (SGE) Member
Finn, Lee	02/21/2003	02/21/2006	The Pennsylvania State University	Special Government Employee (SGE) Member
Flanagan, Kathryn	11/27/2001	11/27/2004	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Forbes, Jeffrey	11/01/2001	11/01/2004	University of Colorado	Special Government Employee (SGE) Member
Fuselier, Stephen	10/21/2004	10/21/2007	Lockheed Martin	Special Government Employee (SGE) Member
Gladstone, G.	08/10/2004	08/10/2007	Southwest Research Institute	Special Government Employee (SGE) Member

Green, James	02/20/2004	02/20/2007	University of Colorado, Boulder	Special Government Employee (SGE) Member
Greene, Thomas	06/04/2004	06/04/2007	NASA Ames Research Center	Regular Government Employee (RGE) Member
Grindlay, Jonathan	11/12/2003	11/12/2006	Scientist	Special Government Employee (SGE) Member
Hammel, Heidi	07/05/2002	07/05/2005	MIT	Special Government Employee (SGE) Member
Harrison, Fiona	08/08/2003	08/08/2006	California Institute of Technology	Special Government Employee (SGE) Member
Heap, Sara	06/04/2004	06/04/2007	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Heckman, Timothy	04/03/2002	04/03/2005	Johns Hopkins University	Special Government Employee (SGE) Member
Hillenbrand, Lynne	11/27/2001	11/27/2004	California Institute of Technology	Special Government Employee (SGE) Member
Hogan, Craig	02/21/2003	02/21/2006	University of Washington	Special Government Employee (SGE) Member
Illingworth, Garth	08/01/2002	08/01/2005	University of California, Santa Cruz	Special Government Employee (SGE) Member
Karpen, Judith	02/21/2002	02/21/2005	Naval Research Laboratory	Regular Government Employee (RGE) Member
Klein, Andrew	08/08/2003	08/08/2006	Oregon State University	Special Government Employee (SGE) Member
Klimchuk, James	11/01/2001	11/01/2004	Naval Research Laboratory	Regular Government Employee (RGE) Member
Klug, Sheri	07/15/2002	07/15/2005	Arizona State University	Special Government Employee (SGE) Member
Klumpar, David	11/27/2001	11/27/2004	Montana State University	Special Government Employee (SGE) Member
Kolb, Edward	02/12/2002	02/12/2005	Fermi National Accelerator Lab.	Special Government Employee (SGE) Member
Kozyra, Janet	03/09/2004	03/09/2007	University of Michigan	Special Government Employee (SGE) Member
Kress, Martin	06/03/2002	06/03/2005	Battelle Memorial Institute	Special Government Employee (SGE) Member
Longcope, Dana	11/27/2001	11/27/2004	Montana State University	Special Government Employee (SGE) Member
Lunine, Jonathan	02/21/2003	02/21/2006	The University of Arizona	Special Government Employee (SGE) Member
Matthaeus, William	11/21/2001	11/21/2004	University of Delaware	Special Government Employee (SGE) Member
Meadows, Victoria	02/18/2004	02/18/2007	NASA Jet Propulsion Laboratory	Special Government Employee (SGE) Member
Meech, Karen	07/20/2004	07/20/2007	University of Hawaii	Special Government Employee (SGE) Member
Mould, Jeremy	08/01/2002	08/01/2005	National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Mundy, Lee	05/02/2003	05/02/2006	University of Maryland	Special Government Employee (SGE) Member
Mustard, John	08/01/2002	08/01/2005	Brown University	Special Government Employee (SGE) Member
Norman, Colin	06/26/2003	06/26/2006	Johns Hopkins University	Special Government Employee (SGE) Member
Pappalardo, Robert	02/16/2004	02/16/2007	University of Colorado	Special Government Employee (SGE) Member
Phillips, Roger	11/30/2001	11/30/2004	Washington University	Special Government Employee (SGE) Member

Rabin, Douglas	02/19/2003	02/19/2006	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Richstone, Douglas	02/12/2002	02/12/2005	University of Michigan	Special Government Employee (SGE) Member
Saha, Abhijit	07/30/2002	07/30/2005	National Optical Astronomy Observatory	Special Government Employee (SGE) Member
Schwadron, Nathan	02/25/2004	02/25/2007	Southwest Research Institute	Special Government Employee (SGE) Member
Skoug, Ruth	02/25/2004	02/25/2007	Los Alamos National Laboratory	Special Government Employee (SGE) Member
Spergel, David	05/02/2003	05/02/2006	Princeton University	Special Government Employee (SGE) Member
Stith, James	09/28/2004	09/28/2007	American Institute of Physics	Special Government Employee (SGE) Member
Swank, Jean	02/25/2003	02/25/2006	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Thomsen, Michael	11/12/2003	11/12/2006	Los Alamos National Lab.	Special Government Employee (SGE) Member
Traub, Wesley	06/26/2003	06/26/2006	Harvard-Smithsonian Center for Astrophysics	Special Government Employee (SGE) Member
Ulvestad, James	02/25/2003	02/25/2006	National Radio Astronomy Observatory	Special Government Employee (SGE) Member
Wadhwa, Meenakshi	07/20/2004	07/20/2007	Field Museum	Special Government Employee (SGE) Member
Weinberger, Alycia	11/27/2001	11/27/2004	Carnegie Institution of Washington	Special Government Employee (SGE) Member
Werner, Michael	07/14/2004	07/19/2007	Scientist	Special Government Employee (SGE) Member
White, Nicholas	10/04/2001	10/04/2004	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Wright, Edward	04/05/2002	04/05/2005	University of California at Los Angeles	Special Government Employee (SGE) Member
York, Harold	11/27/2001	11/27/2004	NASA Jet Propulsion Laboratory	Special Government Employee (SGE) Member
Zurek, Richard	08/01/2002	08/01/2005	NASA Jet Propulsion Laboratory	Special Government Employee (SGE) Member

Number of Committee Members Listed: 63

Narrative Description

The Committee meets three to four times per year to discuss current scientific and technical issues and challenges facing NASA space science programs. The expert membership formulates and deliberates recommendations for NASA management's consideration in decision making on these issues.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety

☐

Trust in government

☒

Major policy changes

☐

Advance in scientific research

☒

Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None	<input checked="" type="checkbox"/>
Unable to Determine	<input type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

29

Number of Recommendations Comments

The Committee met twice instead of the projected three times due to its termination midway through the fiscal year.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

28%

% of Recommendations Fully Implemented Comments

Operation of the Committee was terminated before then end of the fiscal year so that some reporting recommendations could not be fulfilled.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

28%

% of Recommendations Partially Implemented Comments

Some recommendations relate to activities still in progress at the close of the fiscal year and have not been fully completed.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Via briefing at subsequent meeting.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>

Online Committee Web Site
Online GSA FACA Web Site
Publications
Other

☐
☒
☐
☐

Access Comments

NA